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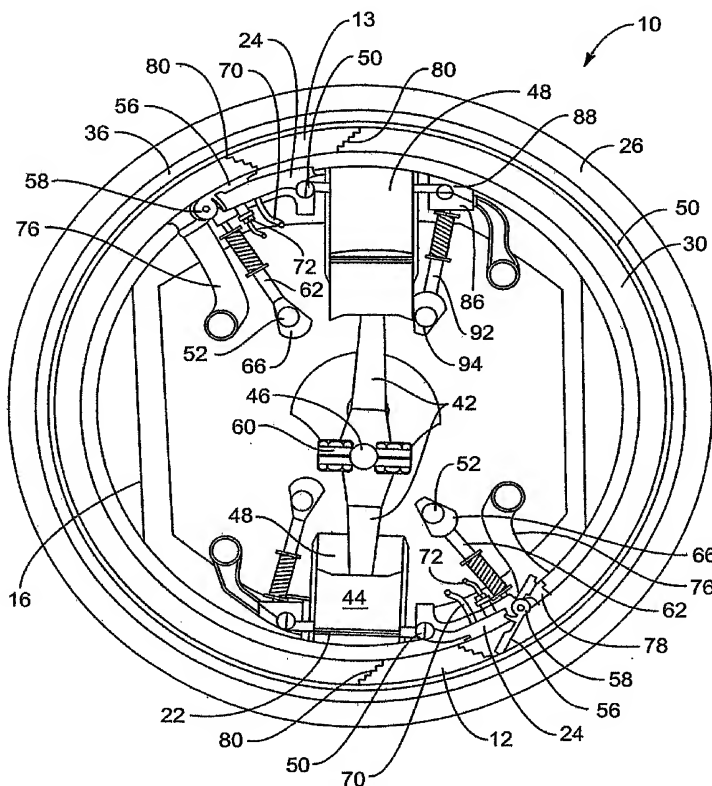
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(54) Title: A NOVEL INTERNAL COMBUSTION TORROIDAL ENGINE



(57) Abstract: A novel Mirabile combustion engine (10) comprises an air intake (18), an air compressor (22), a combustion chamber (24), a shuttle valve (50) placed between the air compressor and the combustion chamber (24), a fuel supplier (70), coupled to the air compressor (22) and the combustion chamber (24), to deliver a fuel/air mixture to the combustion chamber, a crankshaft (46), coupled to the air compressor (22) to operate the air compressor (22) and transfer power generated by the engine (10). A turbine piston (12) is coaxially coupled to the crankshaft (46), travels in a circular path adjacent to the combustion chamber (24) serves to seal the combustion chamber (24) and opens to be driven by a force generated by combustion of the fuel/air mixture within the combustion chamber as the combusted fuel/air mixture escapes and is directed against the turbine piston (12) to rotate the turbine piston and turn the crankshaft.



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